

Among subjects to be discussed are: Fall vs. spring application of nitrogen fertilizer, effect of fertilizers on the establishment and maintenance of legume-grass mixtures, and fertilizer economics in a period of surpluses.

### Cottonseed Processing Clinic in New Orleans Feb. 7-8

The fourth annual Cottonseed Processing Clinic will be held at the Southern Regional Research Laboratory, New Orleans, La., Feb. 7 and 8, under the joint sponsorship of the USDA Southern Utilization Research Branch and the Valley Oilseed Processors Association.

On the first day members of the staff of the Southern Laboratory will present the reports on research related to cottonseed. The second day's program, presented by the Valley Association, will continue the discussion of cleaning cottonseed.

### Potato Irradiation Costs—Correction

There were a number of unfortunate errors in the text discussing the costs of the potato irradiation facility, *AG AND FOOD*, page 1265, Dec. 8, 1954.

The plant would be capable of processing 250 bushels of potatoes an hour for a cost of 7 cents per bushel, not 0.7 cent as previously reported. Capital investment for the plant and radiation source is estimated at \$50,000, not \$500,000.

Operating for 26 weeks a year, the annual operating cost of the installation is estimated at about \$40,000 per year. This would include: wages for three operators, overhead, taxes, insurance, and depreciation. Since the installation would only be used six months of the year depreciation costs are carried over a 10-year period. The radiation source is not included in the construction costs because it would be rented from the AEC. The radiation costs are, therefore, included in the estimated costs for annual operation. A nominal charge of \$500 per month is assumed for the rental of the fuel elements from AEC. Operation costs for handling, shipping, and rental of fuel elements is estimated at about \$10,000 per year. This is included in the \$40,000 figure for total operation cost of the installation.

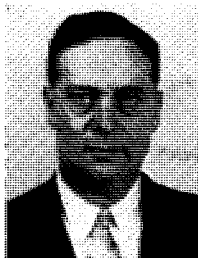
Using two shifts per day and a six-day week the plant would be capable of irradiating about 600,000 bushels of potatoes in a six-month period. Cost per ton for the irradiation would be about \$3.78. Approximate cost of chemical treatment to prevent potato sprouting is \$2.50 using the methyl ester of naphthalacetic acid. Maleic hydrazide has also been used to inhibit sprouting of

stored potatoes. The maleic hydrazide is applied to the potato field as a dust or spray. Here approximate cost of chemical treatment is about \$1.50 per ton.

The potato irradiation plant is discussed in a report from the Engineering Research Institute, University of Michigan, November 1954, by L. E. Brownell, J. V. Nehemias, and J. J. Bulmer. The design work is sponsored by the Atomic Energy Commission.

### PEOPLE

**H. H. Tucker**, former president of the Coke Oven Ammonia Research Bureau, has joined Standard Oil (Ohio) as director of agricultural service in the company's newly organized petrochemical department. Also joining the department, as sales manager, is **Henry J. Coleman**, who has held various positions



H. H. Tucker



H. J. Coleman

with Sohio since 1946. Headquarters of the department are at Lima, Ohio, where Sohio is building a \$17 million ammonia, urea, and nitric acid plant.

**Joseph J. Burbage**, former director of the Mound Laboratory, has been appointed assistant director of the research department of Monsanto's inorganic chemicals division. On March 1, he will assume administrative responsibility of the division's research activities, making his headquarters at Everett, Mass.

**Roland S. Shumard** has been appointed director of development and technical service for Huron Million Co. He was formerly manager of fine chemicals development for Monsanto.

**Sidney Mittler**, Armour Research Foundation, has been presented an award of scientific merit by the foundation's chemistry and chemical engineering department for his work in studying trace elements in nutrition.

**Harold Ferguson**, former vice president of Naco Fertilizer, has been appointed senior assistant to R. E. Neidig, vice president in charge of the fertilizer and chemical department of Balfour, Guthrie & Co., Ltd.

**Mark C. Craft** of Midwest Fertilizer Co., Springfield, Ill., was elected president of the Agricultural Ammonia Institute at the recent meeting in New

Orleans. In the Dec. 22 issue, *AG AND FOOD* incorrectly named **Ralph H. Wooten** of Mid-South Chemical Co. as president.

**Michael Kubovciak** and **Wendell F. Phillips** have been promoted to head of the bacteriology laboratory and head of the food chemistry laboratory, respectively, for Beech-Nut Packing Co.'s food laboratory at Canajoharie, N. Y.



**L. A. Underkoffler** assumed the position of director of research for Takamine Laboratory, Inc., Clifton, N. J., on Jan. 1. He was formerly professor of chemistry at Iowa State College and is a

member of the *AG AND FOOD* Advisory Board.

**Sanford R. Bell** has been promoted to the position of plant engineer at International Minerals & Chemical Corp.'s Bonnie chemical plant. Mr. Bell, who joined IM&C last April as project engineer, replaces **Robert V. Safford**, who was recently moved up to assistant manager in charge of engineering at the Bonnie plant.

**E. F. Kohman**, research consultant with Campbell Soup, has resigned. His address is Kings Highway East, Merchantville 9, N. J.

**Val E. Weyl** has resigned from the staff of the National Agricultural Chemicals Association. For the past four years, he has been performing duties in public relations for NAC and has been editor of its publication, *NAC News and Pesticide Review*. His headquarters are 6611 Willston Place, Falls Church, Va.

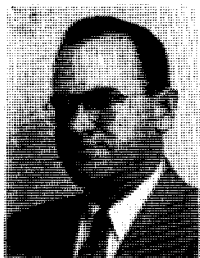
**George H. Serviss**, agronomist for GLF Soil Building Service, Ithaca, N. Y., has been elected chairman of the Division of Fertilizer and Soil Chemistry of the AMERICAN CHEMICAL SOCIETY for 1955. **G. L. Bridger**, head of the department of chemical engineering at Iowa State, is vice chairman, and **Stacie B. Randall**, New Jersey state chemist, is secretary-treasurer.

**George C. Patton** has left Quaker Maid Co. to become section head in product and process development for General Foods Laboratories in Hoboken, N. J. **Eric Engel**, formerly with National Dairy Research Laboratories, has joined the staff as associate technologist in organic chemistry. Also joining the staff is **Barbara Hall**, formerly with Anheuser Busch.

**R. L. Bateman** has been appointed to the newly created position of director of product development for Carbide & Carbon. Succeeding him as manager of the fine chemicals division is **W. A. Woodcock**. **R. H. Wellman** has been

## News of the Month

named manager of the agricultural chemicals division.



**Gilbert E. Goheen**, former director of research and development for J. T. Baker Chemical Co., has joined the staff of the Southern Utilization Research Branch of the USDA as assistant

to the chief of the branch.

**John R. Miller**, former major with the U. S. Army Quartermaster Procurement Center System and specialist in meat procurement, has joined the sales and service staff of the dry soluble seasonings division of Dodge & Olcott.

**Ralph S. Waltz** has been promoted to vice president and general manager of Wilson & Geo. Meyer & Co., San Francisco. He has been with the company since 1945.

**Leland G. Butler** has been appointed director of technical service and development in the eastern U. S. for Standard Agricultural Chemicals, Inc., Hoboken, N. J.

**John T. Walsh** has resigned as assistant director of American Dry Milk Institute to join Dry Milks, Inc., as vice president.

**James S. Coale** has announced his retirement as board chairman of I. P. Thomas & Son Co., the company recently integrated into Pennsalt.

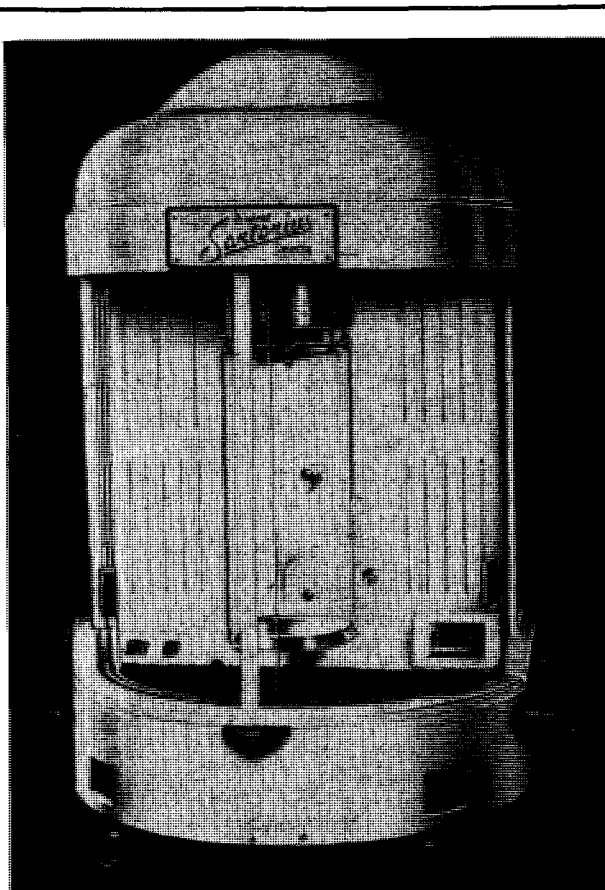
**Vernon Harris**, a USDA agent working with the University of Mississippi department of plant pathology and physiology on chemical weed control, is being sent to Costa Rica by the Agricultural Research Service of USDA. He will be working on control of weeds that hamper growth of abaca at the Inter-American Institute of Science at Turrialba, Costa Rica, for three months.

**Gerald A. Fitzgerald**, recently food advisor to the government of Iran, has joined the firm of Donald K. Tressler & Associates, Westport, Conn., as vice president and general manager.

**Paul Halmbacher** has been elected president of the Paul-Lewis Laboratories of Milwaukee, Wis., succeeding the late **P. Lewis Bajus**. He has been serving as vice president and technical director of the company since 1937. **Allan J. Barney**, newly elected vice president, has been with the organization since 1950. The new secretary-treasurer is **Gordon Holz**.

### Deaths

**Arthur L. Trainor**, specialist in grain fumigant and other products sales for Diamond Alkali, died in Independence, Mo., Dec. 16, at the age of 60.



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